

AMENDMENT TO THE CLAIMS

This listing of claims will replace all prior versions of claims in the application.

Listing of Claims:

1-44. (Cancelled)

45. (Currently Amended) A ~~vaccine~~ delivery composition comprising:

a) a calcium phosphate comprising an amorphous calcium phosphate (ACP) or a poorly crystalline apatitic (PCA) calcium phosphate; and

b) ~~an antigen or vaccine immunogen which elicits an immune response in a host that protects said host against infection by a pathogen;~~

wherein said calcium phosphate comprises greater than or equal to 40 wt% of said composition, and wherein said composition is formulated as an a-hardenable, injectable paste that hardens in an endothermic reaction.

46. (Currently Amended) The composition of claim 45, wherein said antigen or vaccine comprises immunogen is selected from the group consisting of

~~a bacteria, or fragment thereof, a virus, or fragment thereof, a nucleic acid molecule, a protein, a hapten, a tolergen, and an allergen.~~

47-57. (Cancelled)

58. (Currently Amended) The composition of claim 45, wherein said delivery

composition further comprises a second calcium phosphate comprises at least one selected from the group consisting of amorphous calcium phosphate, ~~nanocrystalline calcium phosphate~~, poorly crystalline calcium phosphate, dicalcium phosphate dihydrate, tricalcium phosphate, tetracalcium phosphate, ~~monetite, monocalcium phosphate monohydrate,~~ and octacalcium phosphate, ~~and hydroxyapatite.~~

59. (Currently Amended) A method for stimulating an immune response in a mammal, said method comprising administering the composition of claim 45, 46, or 58 to said mammal.

60-72. (Cancelled)

73. (Previously Presented) The method of claim 59, wherein said mammal is a human.

74. (Cancelled)

75. (New) The method of claim 58, wherein said calcium phosphate comprises amorphous calcium phosphate and dicalcium phosphate dehydrate.

76. (New) The composition of claim 45, wherein said composition comprises an antigen.

77. (New) The composition of claim 45, wherein said composition comprises a vaccine.